

HDR Supervisor Register - College of Engineering, Science & Technology

#	Staff Name	Area of Expertise	Number of HDR Candidates Supervised to Completion	Email Contact	Phone Contact
1	Professor Tibor Pasinszki	Chemistry	2 PhD	tibor.pasinszki@fnu.ac.fj	Phone: +679 2984306
2	Professor Todd Dennis	Ecology, Biodiversity, Conservation	16 PhD 21 masters	todd.dennis@fnu.ac.fj	Phone: 3381044 ext. 1008 or +6792732457
3	Professor Olanrewaju Oyewola	Thermofluids, Solid-Fluid interaction and Energy.	10 PhD 40 Masters	olanrewaju.oyewola@fnu.ac.fj	Phone: 8687070
4	Dr. Jimaima Lako	Food Science and Technology; Phytochemicals and antioxidants of Pacific foods, Food product development and shelf life testing, Post-Harvest, Food safety-traceability, Nutritional Sciences, Dietary and nutritional assessment, Glycemic responses, Diabetes food intake intervention, Food Security and Climate Change, Food Value Chain Analyses	8 MSc	jimaima.lako@fnu.ac.fj	Phone: 7868603 (mobile)
5	Dr. Mohammed Khan	Power electronics & Drives.	6 Masters	mohammed.khan@fnu.ac.fj	Phone: 9307267
6	Dr. Satyanand Singh	Machine Learning, Speech and language processing specifically in analytics of transcribed/transcribed speech, Signal Processing.	5 Masters	satyanand.singh@fnu.ac.fj	Phone: 9226190 Ext. 1015
7	Dr. Joeli Varo	Geomatic Engineering /Urban & Regional Planning/ Disaster Risks Reduction/2D & 3D Spatial Analysis	1 Master	joeli.varo@fnu.ac.fj	Phone: 3381044 ext. 1145 Mobile: 7849780
8	Dr. Maheswara Valluri	Number Theory, Algebra and Algebraic Geometry with Applications to Post-Quantum Cryptography, Quantum Cryptanalysis.	1 Master	maheswara.valluri@fnu.ac.fj	Phone: 8692115 ext. 1003
9	Dr. Satyanarayan Shashtri	Remote Sensing and Geospatial techniques in environment, geosciences, natural resources management, Geochemistry and Geophysical Investigations, Application of Remote Sensing and Geophysical Techniques in Rainwater Harvesting and Sustainable Agriculture Production, NDVI estimation, Application of X-ray and ICPAES in heavy metal, REE and geochemical analysis, Subsurface Modeling and Geospatial application in Disaster mitigation, Geomorphology and Lineament Detection for Sustainable, Development and Disaster Mitigation.	None	satyanarayan.s@fnu.ac.fj	Phone: 9765242
10	Dr. Patrick Singh	Mechanical Engineering: Renewable Energy, Fluid machinery, Energy Storage Systems	None	patrick.singh@fnu.ac.fj	Phone: 3381044 ext. 1552
11	Dr. Ravi Sharma	Animal Physiology, Wildlife and Ecology.	None	ravi.sharma@fnu.ac.fj	Phone: 2138899
12	Dr. Ronesh Sharma	Artificial Intelligence, Machine learning algorithms, Bioinformatics, Data Mining, Pattern Recognition robotics and Control Engineering.	None	ronesh.sharma@fnu.ac.fj	Phone: 3381044 ext.1509 or 9264802

13	Dr. Shiu Kumar	Brain-Computer Interface, Artificial Intelligence, Machine Learning, Pattern Recognition, Signal Processing, Data Mining	None	shiu.kumar@fnu.ac.fj	Phone: 3381044 Ext: 1504
14	Dr. Rajnesh Lal	Data Assimilation, Blood flow modelling, Mathematical modelling for problems in fluid dynamics, Adaptive mesh refinement methods for problems in fluid engineering, Finite volume and finite difference methods for computational fluid dynamics, Mathematical Modeling, Numerical Analysis.	None	rajnesh.lal@fnu.ac.fj	Phone: 3381044 ext. 7051
15	Dr. Kotti Ramanuja Rao	Algebra, Algebraic Geometry with Applications, Topology and Number Theory.	None	ramanuja.kotti@fnu.ac.fj	Phone: 3381044 ext. 7001
16	Dr Kiran Kumar Kondamareddy	Photovoltaics - Dye-sensitized solar cells, Organic-Inorganic lead halide Perovskite solar cells, Photo catalysis, Hydrogen and Oxygen evolution, Synthesis and characterization of Nano materials and Nano-composite materials; for photocatalytic and photovoltaic applications, Synthesis and characterisation of polymer blend complexes, nanocomposite polymer blend electrolyte materials for solid-state electrochemical cell applications.	None	kiran.kondamareddy@fnu.ac.fj	Phone: 3381044 ext. 7084
17	Dr Ravita Prasad	Renewable energy and long-term energy planning	None	ravita.prasad@fnu.ac.fj	Phone: 9940870 (landline: 3384777 Ext (4356)
18	Dr Visheshni Chandra	Biodiversity, Conservation, Ecology, Entomology, Sustainability, Resource Management, Climate Change and Phylogenetics.	None	visheshni.chandra@fnu.ac.fj	Phone: 9235921 (landline: 3381044 Ext ()

Date: 26.01.2022

Date:

Endorsed by: Todd E. Dennis

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College ADR

College Dean